

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A computer code generator configured to generate a computer code from a specifications file, comprising ~~starting from a specifications file~~
~~characterized in that it comprises at least:~~

~~one a front end (FE) that creates~~ configured to create an intermediate file ~~(6) by based~~
on a grammatical and syntactical analysis of the specifications file (4), the, said intermediate
file comprising a syntactical tree ~~(20, 30)~~ describing data in the specifications file (4),
wherein all data extracted from ~~this the specifications~~ file (4) by the front end ~~(FE) being is~~
associated with a node ~~(21, 22, 23, 24, 25, 26)~~ in the tree;

~~a Template (3) defining~~ template configured to define programming rules associated
with each node, as a function of the computer code to be generated (7); and

~~a back end (BE) generating the~~ configured to generate an output code (7) by reading
the intermediate file ~~(6)~~ and the syntactical tree.

Claim 2 (Currently Amended): ~~Generator according to claim 1, characterized in that~~
The generator of claim 1, wherein the front end (FE) reads a file (5) describing the grammar
of the specifications file (4) language.

Claim 3 (Currently Amended): ~~Generator according to either of the previous claims,~~
~~characterized in that~~ The generator of claim 1, wherein the front end (FE) breaks down the
specifications file (4) into software elements ~~(21, 22, 23, 24, 25, 26) forming which form~~ the
nodes of the syntactical tree, ~~according to a functional tree structure and~~ conform with the
specifications file (4) according to a functional tree structure, the said software elements
being data extracted from ~~this the specifications~~ file (4).

Claim 4 (Currently Amended): ~~Generator according to any one of the previous claims, characterized in that~~ The generator of claim 3, wherein the template (3) comprises output code programming rules (7) associated with each software element of a node, [[a]] said rule and the manner in which ~~this~~ the rule is applied being associated with each node.

Claim 5 (Currently Amended): ~~Generator according to any one of the previous claims, characterized in that~~ The generator of claim 3, wherein the software elements associated with the nodes are interfaces, variables, constants, operations and logical or mathematical functions.

Claim 6 (Currently Amended): ~~Generator according to any one of the previous claims, characterized in that~~ The generator of claim 1, wherein the output code (7) is a computer language.